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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

For new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **454311-2201.1**

First Inventor or Application Identifier **Belfort et al.**

Title

GENETIC SYSTEM AND SELF CLEAVING INTEINS DERIVED THEREFROM, BIOSEPARATIONS AND PROTEIN PURIFICATION EMPLOYING SAME, AND METHODS FOR DETERMINING CRITICAL, GENERALIZABLE AMINO ACID RESIDUES FOR VARYING INTEIN ACTIVITY

Express Mail Label No. **EE835218190US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

**Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231**

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages]
(preferred arrangement set forth below, MPEP 1503.01)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description,
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (37 CFR. § 1.152) [Total Sheets]
4. Oath or Declaration [Total Pages]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
Considered to be part of the disclosure of the accompanying

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission:
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & documents(s))
**Wei Wu
Marlene Belfort
Vicky Derbyshire**
- ☒ Power of Attorney:
**Wei Wu
Marlene Belfort
Vicky Derbyshire**
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☒ * Small Entity
Statement(s)
(PTO/SB/09-12)
**Health Research Institute
Rensselaer Polytechnic Institute
Vicky Derbyshire
Marlene Belfort
Wei Wu**

Application and is hereby incorporated by reference therein.

17. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:
- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____

Group/Art Unit: _____

16. CORRESPONDENCE ADDRESS

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Name	SUSAN K. LEHNHARDT FROMMER LAWRENCE & HAUG LLP				
Address	745 Fifth Avenue				
City	New York	State	NY	Zip Code	10151
Country	U.S.	Telephone	(212) 588-0800	Fax	(212) 588-0500

Name (Print/Type)	Susan K. Lehnhardt	Registration No. (Attorney/Agent)	33,943
Signature		Date	August 17, 2000

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